

AMENDED CLAIMS

The claims, as amended, are as follows:

1 - 7. (Cancelled)

8. (Currently Amended) The composition of Claim 10 3 wherein said composition contains about 20 weight percent of epoxy resin and, as said copolymerizable material, about 50 weight percent of N,N-dimethylacrylamide and about 25 percent of at least one cellulosic oligomer.

9. (Currently Amended) A photopolymerizable composition comprising, based upon the weight of said composition, about 5 to 45 percent of an epoxy resin, about 94 to 55 percent of a ~~copolymerizable~~ material copolymerizable with said epoxy resin, and about 1 to 10 percent of a free radical photoinitiator, said copolymerizable material including an effective amount of at least one free radically polymerizable compound selected from the comonomer group consisting of (1) an acrylamide and (2) a vinyl or vinyl and (meth)acrylic monomer monomers containing acrylamide or amide functionality or an hydroxyl group, said epoxy resin and copolymerizable material being reactive with one another in a single step and having little or no tendency for premature reaction.

10. (Original) The composition of Claim 9 wherein said comonomer group consists of N,N-dimethyl acrylamide, n-vinyl 2-pyrrolidone, n-vinylcaprolactam, acryloyl morpholine, N-(n-butoxymethyl acrylamide, N-isopropyl acrylamide, N-3-dimethylaminopropyl methacrylamide, glycerol 1,3-diglycerolate diacrylate, 4-hydroxybutyl acrylate, 2-hydroxyethyl methacrylate, acrylated polyols, vinyl polyols, and (meth)acrylic acid.

11. (Currently Amended) The composition of Claim 9 wherein said at least one compound from said comonomer group comprises an acrylamide, or a vinyl or (meth)acrylic monomer ~~a compound containing the amide or acrylamide functionality~~, present in an amount not in excess of 80 weight percent.

12. (Currently Amended) The composition of Claim 11 wherein said amount of said at least one compound ~~containing the amide or acrylamide functionality~~ is at least about 50 weight percent.

13. (Currently Amended) The composition of Claim 9 wherein said comonomer group comprises a vinyl or (meth)acrylic monomer compound containing the hydroxyl group, present in an amount not in excess of about 70 weight percent.

14. (Currently Amended) The composition of Claim 13 wherein said amount of said ~~compound monomer~~ containing the hydroxyl group is at least about 20 weight percent.

15. (Original) The composition of Claim 9 wherein said composition is devoid of any catalytic cationic ingredient.

16. (New) A photopolymerizable composition comprising, based upon the weight of said composition, about 5 to 45 percent of an epoxy resin, about 94 to 55 percent of a material copolymerizable with said epoxy resin, and about 1 to 10 percent of a free radical photoinitiator, said copolymerizable material including an effective amount of at least one free radically polymerizable compound selected from the comonomer group consisting of N,N-dimethyl acrylamide, n-vinyl 2-pyrrolidone, n-vinylcaprolactam, acryloyl morpholine, N-(n-butoxymethyl acrylamide, N-isopropyl acrylamide, N-3-dimethylaminopropyl methacrylamide, glycerol 1,3-diglycerolate diacrylate, 4-hydroxybutyl acrylate, 2-hydroxyethyl methacrylate, acrylated polyols, vinyl polyols, and (meth)acrylic acid, said epoxy resin and copolymerizable material being reactive with one another in a single step and having little or no tendency for premature reaction.